

What is claimed is:

1. A blade pitch control structure for a bulldozer, wherein the back side of a blade is turnably supported via a universal joint on the front end of a blade lifting frame to enable attitude control including angling, tilting and pitch control of the blade, a pin which engages the front end of a pitch support link with a bracket provided on the back side of the blade is constructed as an eccentric pin.

2. The blade pitch control structure for a bulldozer according to claim 1, wherein the eccentric pin has a first shaft part which turnably engages with the front end of the pitch support link and a second shaft part which is fitted into a hole of the bracket, and an axis of the first shaft part and an axis of the second shaft part are mutually eccentric in the state of being spaced apart from each other by a predetermined distance.

3. The blade pitch control structure for a bulldozer according to claim 2, wherein a line segment which connects a turning center of the universal joint turnably supporting the blade and a turning center about which the front end of the pitch support link is to be turned with respect to the first shaft part of the eccentric pin is arranged to form an axis approximately perpendicular to the ground with the blade

horizontally placed in contact with the ground, and a tilting-control oil hydraulic cylinder is engaged with the blade at one end and a turning center of the other end of the tilting-control oil hydraulic cylinder is arranged at a position on the perpendicular axis.

4. The blade pitch control structure for a bulldozer according to claim 2, wherein the eccentric pin is constructed so that a direction in which the first shaft part is made eccentric to the second shaft part is settable continuously at an arbitrary angle about the second shaft part with the second shaft part fitted in the hole of the bracket.